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(54) Contact and electric connector onto which the contact is mounted

(57) A contact capable of achieving the reduction of height in the direction of displacement, and of obtaining excellent contact pressure. A contact 10 comprises substantially a belt-like elastic contact member 20 having a terminal 21 at one end and a contact part 27 at the other end and substantially a belt-like elastic protection member 30 having a fixing part 31 at one end and a protecting part 37 at the other end and an accommodation hole 33 provided in the protection member 30 between the fixing part 31 and the protecting part 37, wherein the elastic contact member 20 is spaced from and disposed in parallel with the protection member 30 at a given interval

while a tip end 29 of the contact part 27 of the elastic contact member 20 is positioned inside and in parallel with the protecting part 37. The accommodation hole 33 is formed such that a part of the elastic contact member 20 enters accommodation hole 33 as the elastic contact member 20 is elastically deformed. When another contact contacts the contact part 27 of the elastic contact member 20 of the contact 10, the elastic contact member 20 is moved downward and displaced, and a part of the elastic contact member 20 near the contact part 27, for example, a flat part 25, an inclined face 26 and a tip end 29 enter the accommodation hole 33.

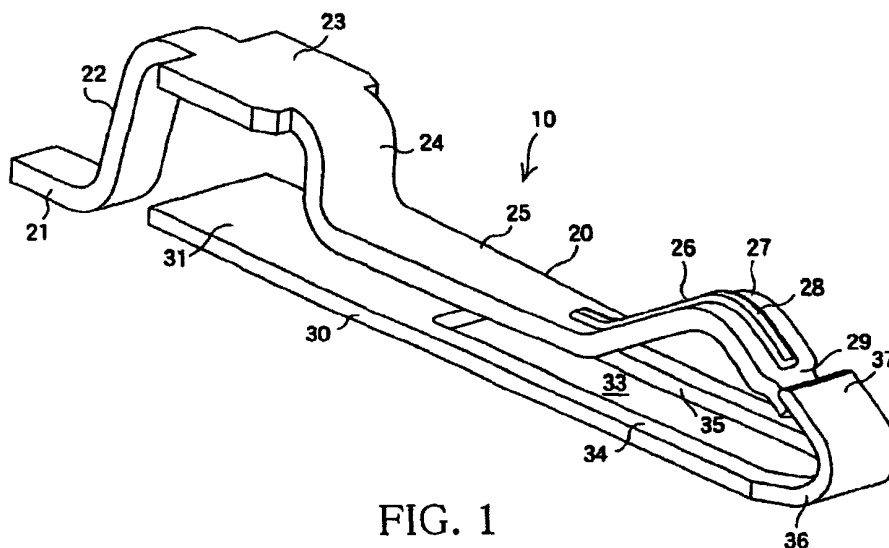


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 02 01 2641

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 4 344 665 A (J.J.RACILLA ET AL) 17 August 1982 (1982-08-17) * column 2, line 51 - line 60; figures 1,5 *	1,2,4,5, 7,10-12	H01R13/05 H01R13/24
A	US 5 980 323 A (H.G.BRICAUD ET AL) 9 November 1999 (1999-11-09) * column 2, line 54 - column 3, line 32 * * column 5, line 11 - line 17; figure 1A * -----	1,2,5,8, 10-12	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H01R
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		14 November 2003	Alexatos, G
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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